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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	8
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**Complete if Known**

Application Number	10/559,905
Filing Date	December 8, 2005
First Named Inventor	Valery N. Khabashesku
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	11321-P066W0US

## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Foreign Patent Document Country Code*+Number*+Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†
/MF/	7	WO 02/060812	08/08/02	Rice University		
/MF/	8	WO 03/080513	10/02/03	University of Penn		
/MF/	9	WO 05/012171	02/10/05	Rice University		

Examiner Signature	/Michael Feely/	Date Considered	11/17/2008
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Sheet 2 of 8

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/MF/	10	IIJIMA, "Helical microtubules of graphitic carbon," 354 Nature (1991), pp. 56-58	
/MF/	11	IIJIMA et al., "Single-shell carbon nanotubes of 1-nm diameter," 363 Nature, (1993), pp. 603-605	
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/MF/	14	LOURIE et al., "Evaluation of Young's modulus of carbon nanotubes by micro-Raman spectroscopy", 13 J. Mat. Res. (1998), pp. 2418-2422	
/MF/	15	WALTERS et al., "Elastic strain of freely suspended single-wall carbon nanotube ropes," 74 Appl. Phys. Lett. (1999), pp. 3803-3805	
/MF/	16	ANDREWS, R., et al., "Nanotube composite carbon fibers," 75 Appl. Phys. Lett. (1999), pp. 1329-1331	
/MF/	17	BARRERA, "Key Methods for Developing Single-Wall Nanotube Composites," 52 JOM (2000), pp. 38-42	
/MF/	18	AUSMAN et al., "Organic Solvent Dispersions of Single-Walled Carbon Nanotubes: Toward Solutions of Pristine Nanotubes", 104 J. Phys. Chem. B. (2000), pp. 8911-8915	
/MF/	19	BAHR et al., "Dissolution of small diameter single-wall carbon nanotubes in organic solvents," Chem. Commun. (2001), pp. 193-194	

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Sheet 3 of 8

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/MF/	20	LOURIE, et al., "Transmission electron microscopy observations of fracture of single-wall carbon nanotubes..", 73 Appl. Phys. Lett. (1998), pp. 3527-29	
/MF/	21	GENG et al., "Fabrication and Properties of Composites of Poly(ethylene oxide)..", 14 Adv. Mater. (2002), pp. 1387-1390	
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/MF/	26	GONG et al., "Surfactant-Assisted Processing of Carbon Nanotube/Polymer Composites", 12 Chem. Mater. (2000), pp. 1049-1052	
/MF/	27	SPINDLER-RANTA ET AL., "Carbon Nanotube Reinforcement of a Filament Winding Resin", SAMPE 2002 Symposium & Exhibition (2002)	
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/MF/	29	TIANO ET AL., "Functionalization of Single-Wall nanotubes for Improved Structural Composites", 32nd SAMPE Conf. (2000)	

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<b>Sheet</b>	4 of 8	<b>Attorney Docket Number</b>	11321-P066WOUS

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/MF/	30	CALVERT, P., "Nanotube composites: A recipe for strength," 399 Nature (1999), pp. 210-211		
/MF/	31	GARG et al., "Effect of chemical functionalization on the mechanical properties of carbon nanotubes", 295 Chem. Phys. Lett. (1998), pp. 275-278		
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/MF/	34	CHEN et al., "Solution Properties of Single-Walled Carbon Nanotubes," 282 Science (1998), pp. 95-98		
/MF/	35	BAHR et al., "Covalent chemistry of single-wall carbon nanotubes," 12 J. Mater. Chem. (2002), pp. 1952-1958		
/MF/	36	HOLZINGER et al., "Sidewall Functionalization of Carbon Nanotubes," 40 Angew. Chem. Int. Ed. (2001), pp. 4002-4005		
/MF/	37	KHABASHESKU et al., "Fluorination of Single-Wall Carbon Nanotubes and Subsequent Derivatization Reactions," 35 Acc. Chem. Res. (2002), pp. 1087-1095		
/MF/	38	SHAFFER et al., "Dispersion and Packing of Carbon Nanotubes," 36(11) Carbon (1998), pp. 1603-1612		
/MF/	39	HAMON et al., "Dissolution of Siingle-Walled Carbon Nanotubes," 11(10) Adv. Mater. (1999), pp. 834-840		

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Sheet 5 of 8

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/MF/	41	RIGGS, J. E., et al., "Strong Luminescence of Solubilized Carbon Nanotubes", 122 J. Am. Chem. Soc. (2000), pp. 5879-5880	
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/MF/	44	THESS et al., "Crystalline Ropes of Metallic Carbon Nanotubes", 273 Science (1996), pp. 483-487	
/MF/	45	VANDER WAL, "Flame synthesis of Fe catalyzed single-walled carbon nanotubes and Ni catalyzed nanofibers...", 349 Chem. Phys. Lett. (2001), pp. 178-184	
/MF/	46	HAFNER et al., "Catalytic growth of single-wall carbon nanotubes from metal particles," 296 Chem. Phys. Lett. (1998), pp. 195-202	
/MF/	47	CHENG, et al., "Bulk morphology and diameter distribution of single-walled carbon nanotubes synthesized by catalytic decomposition of hydrocarbons", 289 Chem. Phys. Lett. (1998), pp. 602-610	
/MF/	48	NIKOLAEV et al., "Gas-phase catalytic growth of single-walled carbon nanotubes from carbon monoxide," 313 Chem. Phys. Lett. (1999), pp. 91-97	

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/MF/	49	O'CONNELL et al., "Band Gap Fluorescence from Individual Single-Walled Carbon Nanotubes", 297 Science (2002), pp. 593-596	
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/MF/	58	STEVENS et al., "Sidewall Amino-Functionalization of Single-Walled Carbon Nanotubes through Fluorination and Subsequent Reactions with Terminal Diamines", 3 Nano Lett. (2003), pp. 331-336	

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/MF/	60	MICKELSON et al., "Fluorination of single-wall carbon nanotubes", 296 Chem. Phys. Lett. (1998), pp. 188-194	
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/MF/	64	KOZLOWSKI et al., "X-Ray Photoelectron Spectroscopic Studies of Carbon Fiber Surfaces..", 25(6) Carbon (1987), p. 751-760	
/MF/	65	JONES, "The Chemistry of Carbon Fibre Surfaces and Its Effect..", 42 Compos. Sci. Tech. (1991), pp. 275-298	
/MF/	66	YU et al., "Tensile Loading of Ropes of Single Wall Carbon Nanotubes and Their Mechanical Properties", 84(24) Phys. Rev. Lett. (2000), pp. 5552-5555	
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